

Chicago Safe Routes to School – Safe Routes to High School (SRTS/SRTHS)



Marshall Community High School and
Faraday Elementary School
Recommended Improvements

Agenda

- Goals
- Related Programs
- Project Location/Area
- Existing Conditions
- Improvement Types
- Proposed Plan
- Project Schedule
- Next Steps



Goals

- Promote walking and biking to school
- Increase safety for school children
- Raise safety awareness among drivers
- Improve pedestrian, bicycle and traffic designs
- Decrease vehicular speed
- Engage the community in support of pedestrian safety
- Use engineering, education, and enforcement



Chicago Safe Routes to High School

Related Programs

- CDOT

- *Chicago Pedestrian Plan*
- *Chicago Forward Agenda*
- *Complete Streets Design Guidelines*
- Child Safety Zones
- Walk to Transit
- Aldermanic Menu Program
- Sidewalk-RCMA Program - ADA ramps
- Traffic Signal Program
- **Arterial Street Resurfacing**
- Streetscapes

- IDOT

- Congest Mitigation and Air Quality (CMAQ) Improvement Funding

Streets for Cycling 2020

Streets for Cycling Plan 2020 Bikeway Network



City of Chicago - Rahm Emanuel, Mayor
Department of Transportation - Gale Keln, Commissioner

Legend

Neighborhood Bike Route (310 Miles)

Shorter routes that utilize neighborhood streets to connect Crosstown Bikeways and provide access to local destinations, such as parks, schools, transit, and neighborhood retail, as well as residential areas. Many of these streets are already conducive to bicycling so the amount of new infrastructure required will vary from block to block.



Crosstown Bike Route (275 Miles)

Long, continuous routes on commercial streets that connect neighborhoods, major destinations and local bikeways. The majority of the protected bike lanes in Chicago will be located along Crosstown Bike Routes.



Spoke Route (60 Miles)

Chicago's most direct routes in and out of the downtown area for bicyclists. These streets will be reimaged over the next eight years to provide bicyclists with the safest, quickest and most comfortable accommodations possible.



Existing Bike Lane or Marked Shared Lane

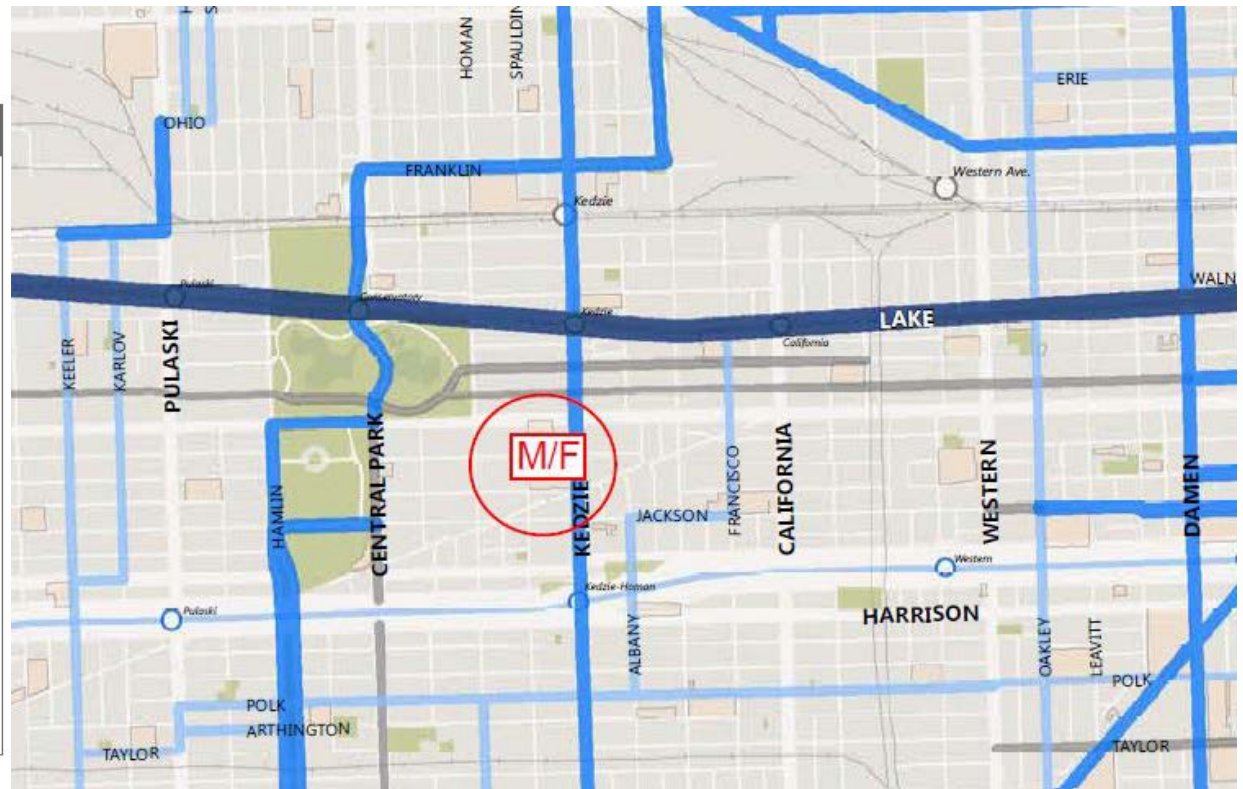
Existing Off-Street Trail

Proposed Off-Street Trail

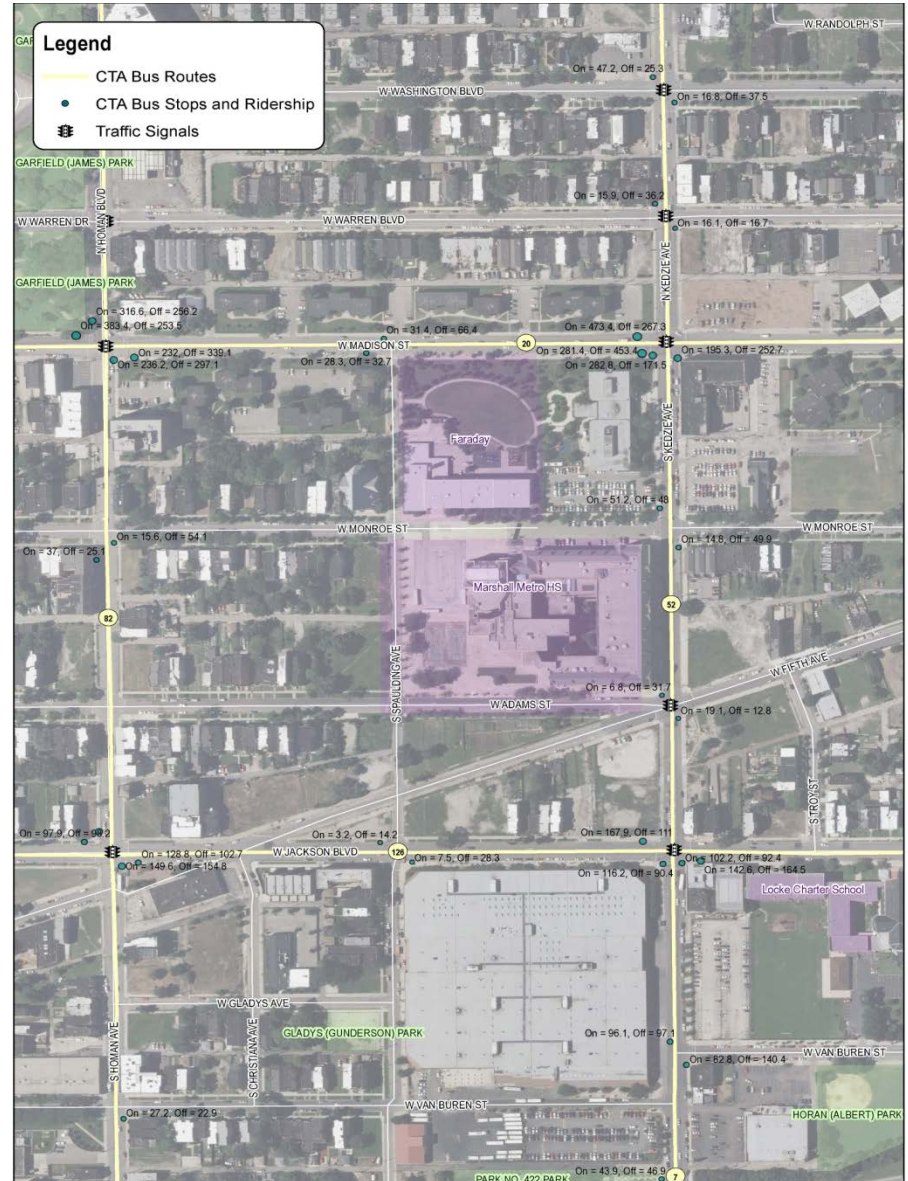
Open Space/Cemetery

College Campus/School Grounds

The City of Chicago does not maintain jurisdiction over several streets identified in this plan.
All locations are subject to change until final review and approval from the Illinois Department of Transportation and the Cook County Highway Department.

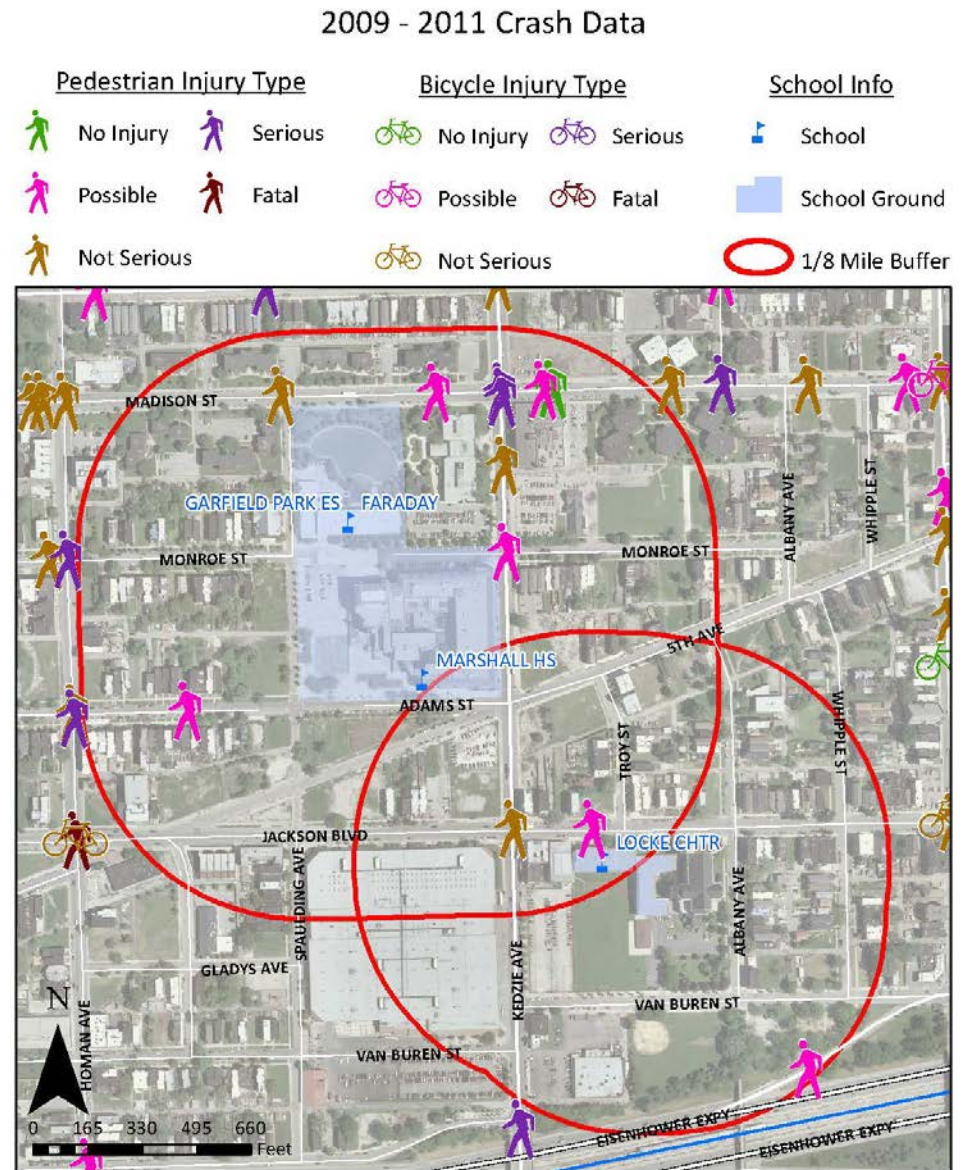


Project Area



Background Selection

- 10 high schools and elementary schools selected around the city.
- The area around Marshall and Faraday had a higher frequency of pedestrian and bicycle crashes than areas around comparable schools.
- School administrators expressed an interest in participating in the program.



Existing Conditions



Improvement Types

Pedestrian Realm:

- Crosswalk improvements
- Sidewalk Improvements
- Bicycle Racks
- ADA Ramps (at selected locations)

Traffic Realm:

- Pedestrian Crossing Safety
- Driver Speed Feedback Signs
- Traffic Signal Improvements
 - Count-Down Pedestrian Heads
- Improved Signage
- Updated Pavement Markings

Pedestrian Crossing Safety

Pedestrian Curb Bump Out

- Spaulding Ave. Direction change from one-way south to one-way north
- Bump out will be added to northeast corner of Monroe and Spaulding intersection



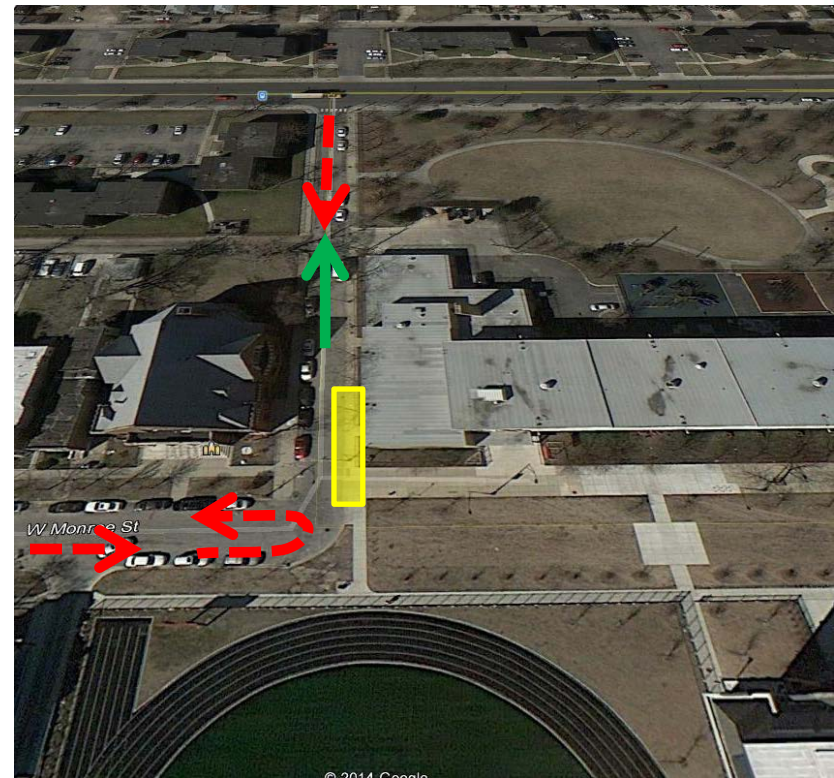
Traffic Signal Improvements

- Countdown Signals
 - 25% Injury Crash Reduction Factor
 - Discourages crossing without time for safe crossing.
- At Kedzie and Madison
- At Kedzie and Jackson
- At Homan and Madison
- At Homan and Jackson



Traffic Operation Improvements

- Existing One-Way Southbound on Spaulding
 - Parking Along West Curb Interferes with School Bus Loading/Unloading
 - Neighborhood and Drop-off Traffic Bypass Stopped Buses
 - Students Must Cross Traffic on Spaulding
- Proposed One-Way Northbound on Spaulding
 - Loading Zone on East Curb, No Need For Students to Cross Traffic
 - Less Demand For Parking on East Curb
 - Bus Route Relatively Unchanged
 - Signal at Madison and Homan Works Well, Anticipate No Increase in Cut-Through Traffic



- Current Direction Traffic
- ← Proposed Direction of Traffic
- Proposed Bus Loading Zone

ADA Ramps



- On Madison at Spaulding at crossing location to Access Westbound CTA #20 Bus

Crosswalk Improvements

Typical crosswalk



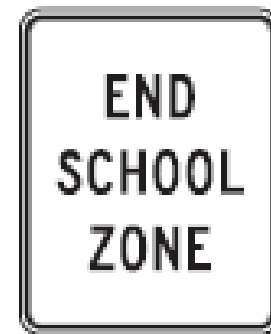
High Visibility crosswalk



Improved Signage



School Speed
Limit Assembly



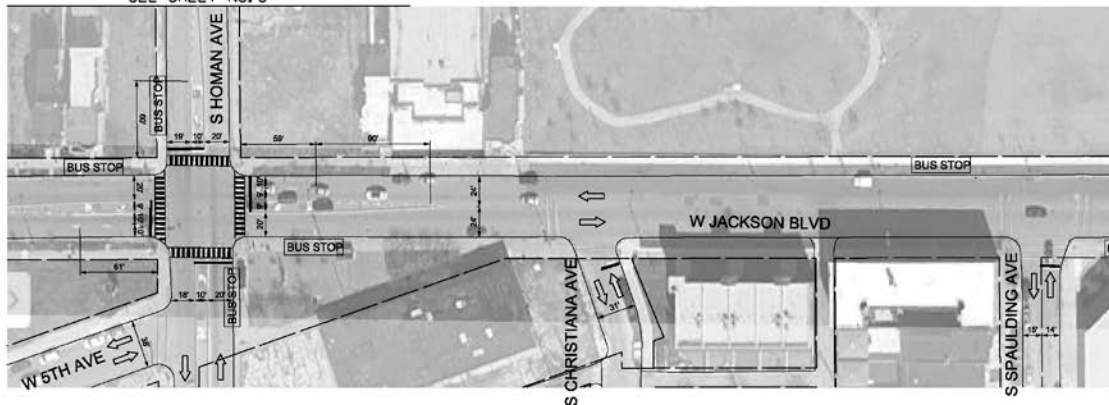
Pavement Markings

- Define Crosswalks and Stop Bars
- Increase Visibility
- Identify Enforcement Zone
- Reduce Parking Confusion
- Mark “Safety Zone”
- Encourage motorist to slow and watch for children.



EXISTING CONDITIONS (WITH REMOVALS)

MATCHLINE J-J
SEE SHEET NO. 8

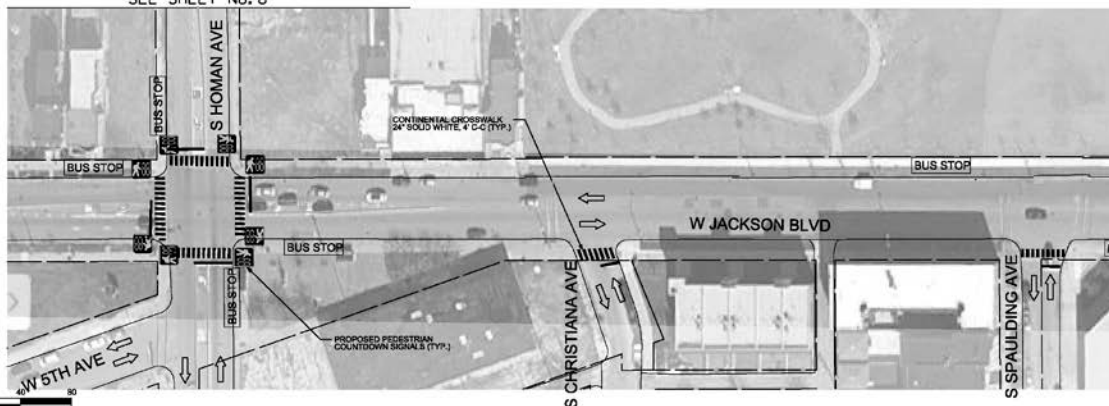


MATCHLINE A-A
SEE SHEET NO. 2



PROPOSED CONDITIONS (WITH INSTALLATIONS)

MATCHLINE J-J
SEE SHEET NO. 8



MATCHLINE A-A
SEE SHEET NO. 2



JACOBS

525 W. Monroe Suite 200
Chicago, Illinois 60661
Telephone: 312.251.3000
Fax: 312.251.3015

DRAWN	KRW		
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DATE	DATE	BY	DESCRIPTION
REVISIONS			

CITY OF CHICAGO

DEPARTMENT OF TRANSPORTATION
DIVISION OF PROJECT DEVELOPMENT
SAFE ROUTES TO HIGH SCHOOL

SAFE ROUTES TO SCHOOL
SAFE ROUTES TO HIGH SCHOOL

DESIGN PLAN

JOHN MARSHALL HIGH SCHOOL
AND FARADAY ELEMENTARY
RECOMMENDED IMPROVEMENTS

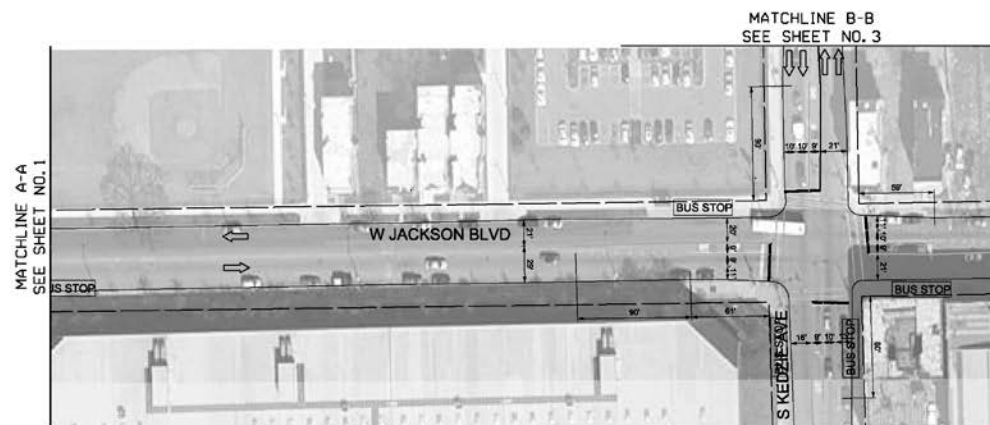
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DWG. 55 OF 64

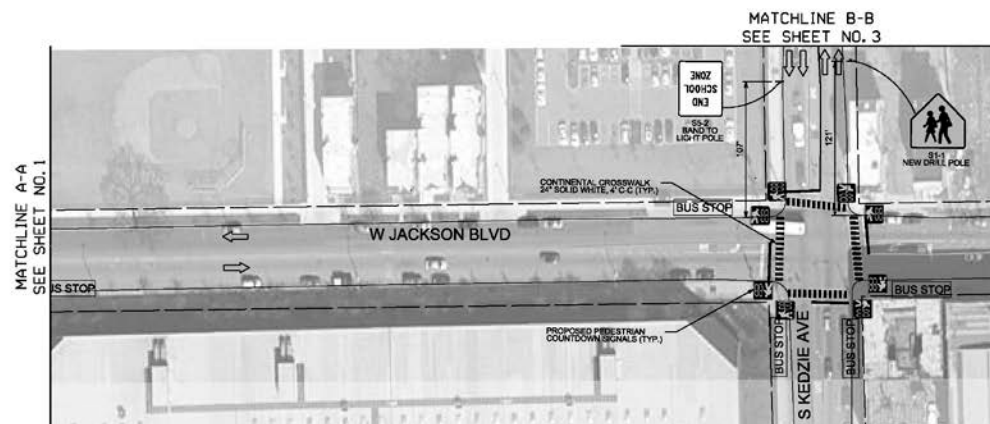
SHEET NO.

MA-1

EXISTING CONDITIONS (WITH REMOVALS)



PROPOSED CONDITIONS (WITH INSTALLATIONS)



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SCALE: 1" = 40' DWG. 56 OF 64

SHEET NO.

MA-2

EXISTING CONDITIONS (WITH REMOVALS)



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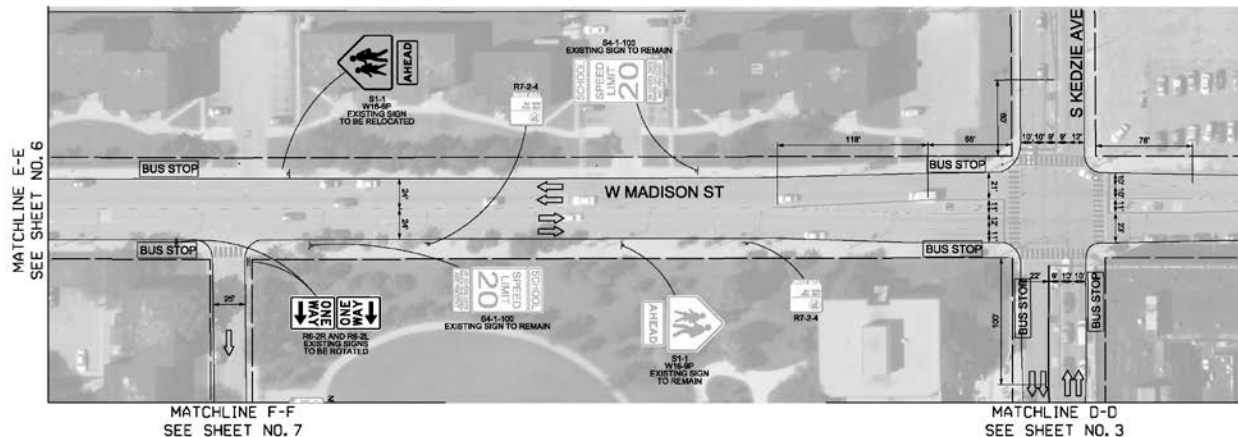
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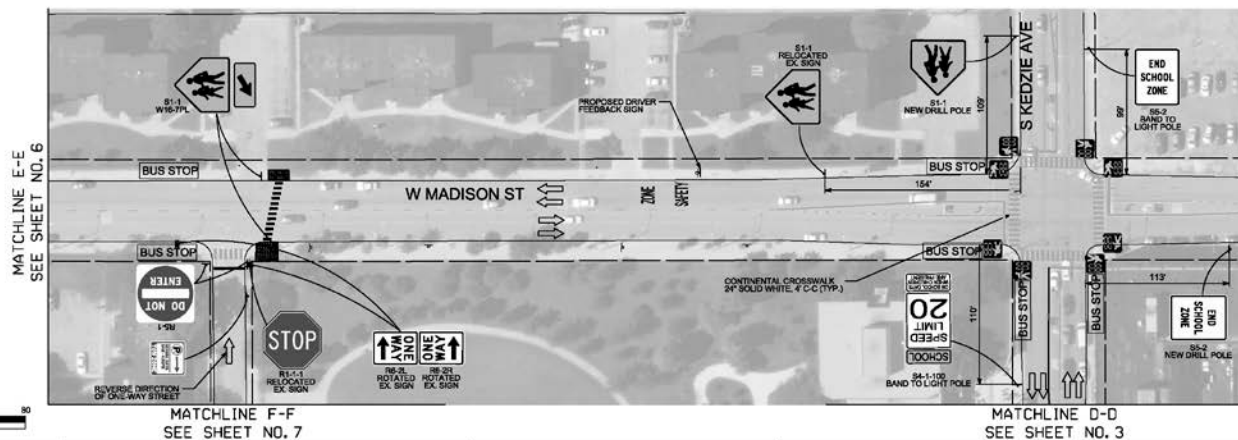
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MA-4

EXISTING CONDITIONS (WITH REMOVALS)



PROPOSED CONDITIONS (WITH INSTALLATIONS)



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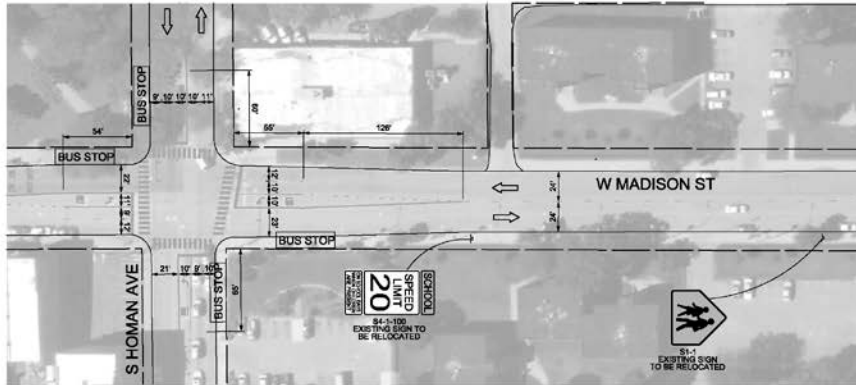
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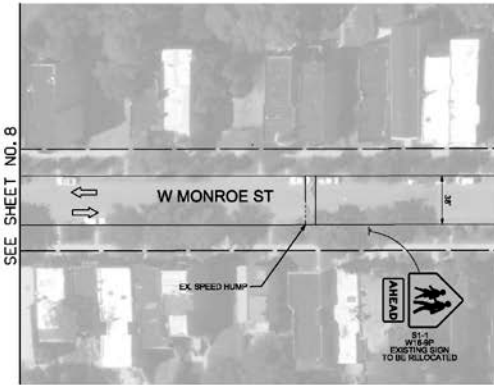
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MA-5

EXISTING CONDITIONS (WITH REMOVALS)



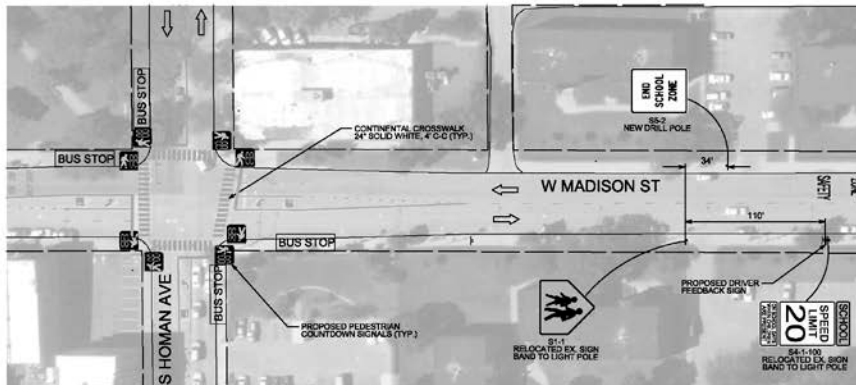
MATCHLINE E-E
SEE SHEET NO. 5



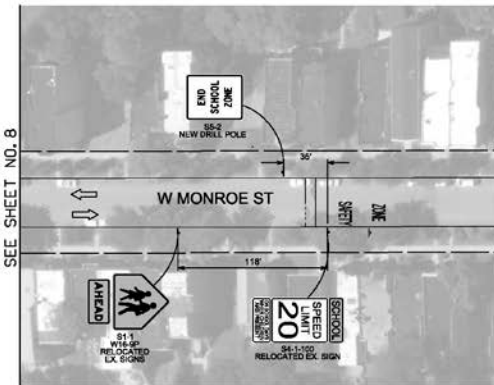
MATCHLINE H-H
SEE SHEET NO. 8

MATCHLINE G-G
SEE SHEET NO. 7

PROPOSED CONDITIONS (WITH INSTALLATIONS)



MATCHLINE E-E
SEE SHEET NO. 5



MATCHLINE H-H
SEE SHEET NO. 8

MATCHLINE G-G
SEE SHEET NO. 7



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DWG. 60 OF 64

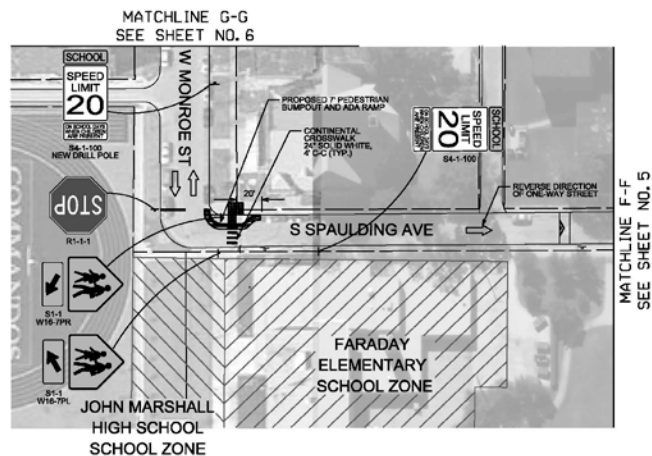
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MA-6

EXISTING CONDITIONS (WITH REMOVALS)



PROPOSED CONDITIONS (WITH INSTALLATIONS)



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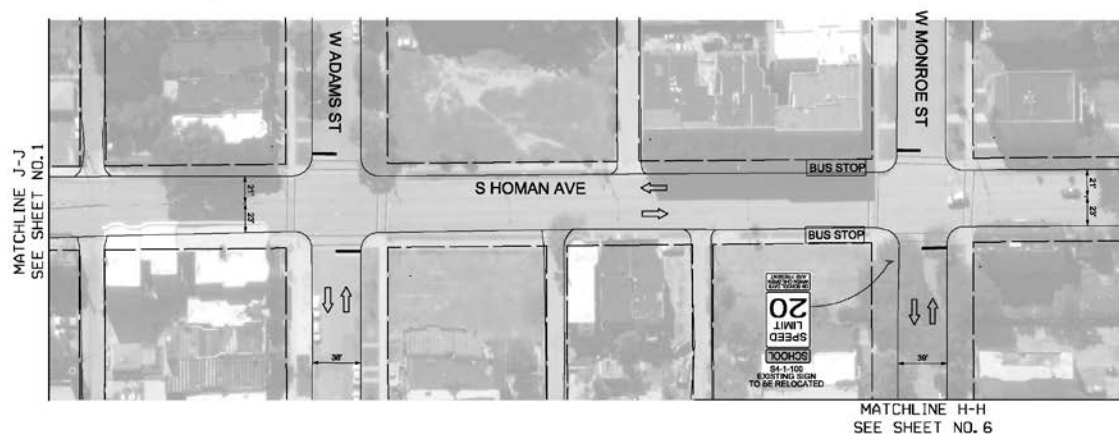
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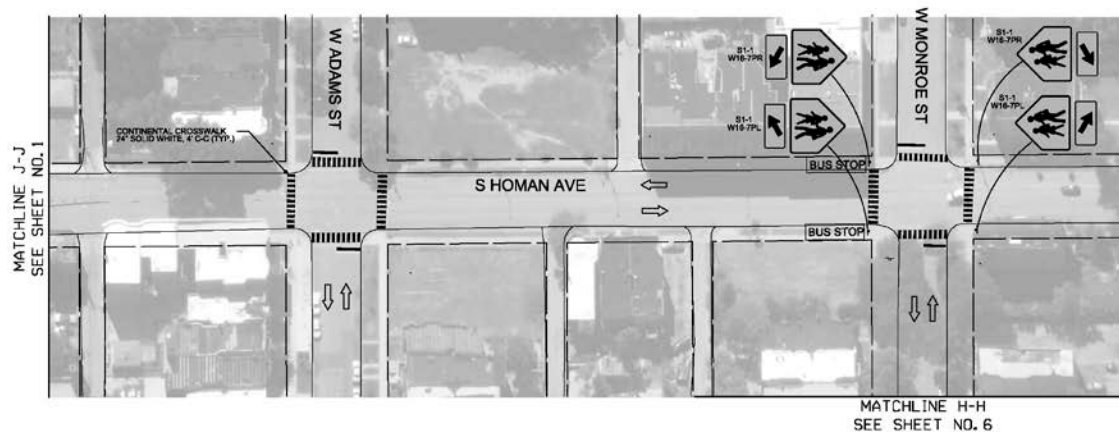
SHEET NO.

MA-7

EXISTING CONDITIONS (WITH REMOVALS)



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SCALE: 1" = 40'

DWG. 62 OF 64

SHEET NO.

MA-8

Next Steps

- Community meetings
- Environmental review spring 2014
- Review data and implement changes and/or improvements
- Plan and Specification Preparation Summer 2014
- Construction and enhancements

Review Exhibits of Improvements Locations



Chicago Safe Routes to High School

Please Provide Comments and

Thank You

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